

# ACT Profile Report - State

Graduating Class 2009  
Oregon





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This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

26% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 11,560 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 53% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 9% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 17% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 62% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 24% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 39% of students who took at least three years of science coursework were college ready.

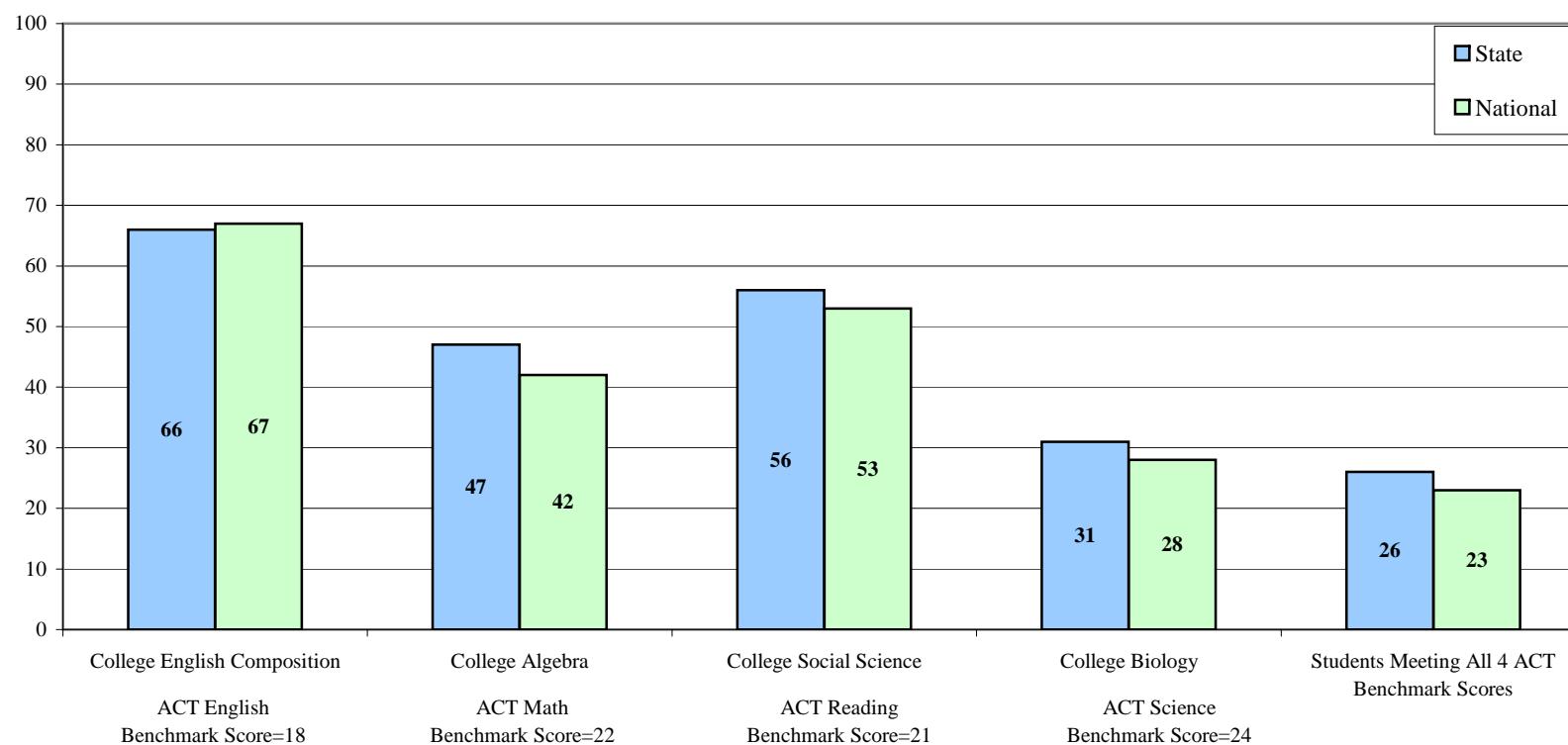
**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 44% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

# Section I

# Executive Summary

**Figure 1.1. Percent of Your Students Ready for College-Level Coursework**

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

**Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks**

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State	National	English		Mathematics		Reading		Science		Meeting All Four	
			State	National	State	National	State	National	State	National	State	National
2005	3,943	1,186,251	76	68	55	41	64	51	37	26	31	21
2006	4,409	1,206,455	74	69	54	42	64	53	36	27	30	21
2007	6,401	1,300,599	71	69	52	43	59	53	33	28	28	23
2008	10,589	1,421,941	65	68	45	43	54	53	29	28	24	22
<b>2009</b>	<b>11,560</b>	<b>1,480,469</b>	<b>66</b>	<b>67</b>	<b>47</b>	<b>42</b>	<b>56</b>	<b>53</b>	<b>31</b>	<b>28</b>	<b>26</b>	<b>23</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2005	3,943	1,186,251	21.8	20.4	22.4	20.7	23.4	21.3	22.2	20.9	22.6	20.9
2006	4,409	1,206,455	21.6	20.6	22.4	20.8	23.1	21.4	21.9	20.9	22.4	21.1
2007	6,401	1,300,599	21.2	20.7	22.1	21.0	22.5	21.5	21.8	21.0	22.0	21.2
2008	10,589	1,421,941	20.3	20.6	21.4	21.0	21.8	21.4	20.9	20.8	21.2	21.1
<b>2009</b>	<b>11,560</b>	<b>1,480,469</b>	<b>20.5</b>	<b>20.6</b>	<b>21.5</b>	<b>21.0</b>	<b>21.9</b>	<b>21.4</b>	<b>21.1</b>	<b>20.9</b>	<b>21.4</b>	<b>21.1</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested		Average ACT Scores					
	State	National	English	Mathematics	Reading	Science	Composite	
			State	National	State	National	State	National
2005	1,186,251		20.4	20.7	21.3	20.9	20.9	
2006	1,206,455		20.6	20.8	21.4	20.9	21.1	
2007	1,300,599		20.7	21.0	21.5	21.0	21.2	
2008	1,421,941		20.6	21.0	21.4	20.8	21.1	
<b>2009</b>	<b>1,480,469</b>		<b>20.6</b>	<b>21.0</b>	<b>21.4</b>	<b>20.9</b>	<b>21.1</b>	

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		English		Mathematics		Reading		Science		Composite	
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	1,910	1,426	48	36	23.0	20.8	23.6	21.4	24.5	22.5	23.3	21.3	23.7	21.6
2006	1,976	1,762	45	40	22.9	20.5	23.7	21.2	24.4	22.1	23.1	21.0	23.7	21.3
2007	2,538	2,939	40	46	23.1	19.7	23.7	20.8	24.3	21.2	23.2	20.6	23.7	20.7
2008	5,329	3,893	50	37	21.8	18.7	22.7	20.0	23.1	20.4	22.2	19.7	22.6	19.8
<b>2009</b>	<b>6,106</b>	<b>4,322</b>	<b>53</b>	<b>37</b>	<b>22.4</b>	<b>18.6</b>	<b>23.2</b>	<b>19.7</b>	<b>23.7</b>	<b>20.2</b>	<b>22.6</b>	<b>19.6</b>	<b>23.1</b>	<b>19.6</b>

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity**

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	3,943	100	22.6	4,409	100	22.4	6,401	100	22.0	10,589	100	21.2	11,560	100	21.4
African American/Black	93	2	17.9	91	2	17.3	142	2	16.7	381	4	16.1	376	3	16.8
American Indian/Alaska Native	92	2	17.6	99	2	18.2	80	1	18.8	144	1	19.0	172	1	18.0
Caucasian American/White	2,807	71	23.0	2,834	64	23.0	3,943	62	22.6	6,480	61	22.1	7,360	64	22.3
Hispanic	207	5	18.8	261	6	18.2	436	7	17.3	782	7	16.9	934	8	17.3
Asian American/Pacific Islander	220	6	23.1	245	6	21.9	545	9	21.7	854	8	21.1	887	8	21.6
Other/No Response	524	13	23.1	879	20	22.8	1,255	20	22.7	1,948	18	21.2	1,831	16	21.1

# Section II

# Academic Achievement

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	33	100	39	100	137	100	49	100	5	100	36
35	131	100	92	100	99	99	63	100	31	100	35
34	202	99	114	99	241	98	50	99	74	100	34
33	172	97	153	98	340	96	84	99	127	99	33
32	177	95	189	97	264	93	127	98	162	98	32
31	254	94	167	95	343	91	153	97	214	97	31
30	243	92	240	93	406	88	216	95	335	95	30
29	316	90	374	91	489	84	225	94	384	92	29
28	318	87	399	88	399	80	257	92	419	88	28
27	349	84	583	85	416	76	327	89	479	85	27
26	480	81	593	80	379	73	602	87	550	81	26
25	492	77	620	75	443	70	652	81	632	76	25
24	591	73	658	69	510	66	821	76	675	70	24
23	639	67	612	63	719	61	808	69	705	65	23
22	537	62	571	58	514	55	887	62	712	59	22
21	829	57	645	53	817	51	936	54	745	52	21
20	726	50	416	48	484	44	1,041	46	710	46	20
19	640	44	692	44	829	39	931	37	776	40	19
18	476	38	713	38	426	32	578	29	707	33	18
17	441	34	983	32	479	29	515	24	676	27	17
16	620	30	1,102	23	640	24	724	19	633	21	16
15	628	25	933	14	440	19	378	13	587	16	15
14	389	20	413	6	582	15	318	10	494	11	14
13	412	16	177	2	523	10	294	7	392	6	13
12	376	13	57	1	234	6	206	5	192	3	12
11	284	9	17	1	238	4	143	3	93	1	11
10	370	7	0	1	75	1	90	2	28	1	10
9	174	4	4	1	39	1	39	1	15	1	9
8	113	2	3	1	11	1	20	1	5	1	8
7	107	1	0	1	27	1	10	1	1	1	7
6	26	1	0	1	8	1	2	1	1	1	6
5	10	1	0	1	2	1	6	1	1	1	5
4	3	1	1	1	4	1	1	1	0	1	4
3	1	1	0	1	0	1	3	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	2	1	4	1	0	1	1
Avg (SD)	20.5 (6.6)		21.5 (5.5)		21.9 (6.6)		21.1 (5.2)		21.4 (5.4)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages**

ACT Scale Score	English				Reading				Mathematics								ACT Scale Score	
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry					
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP		
18	493	100	115	100	391	100	600	100	454	100	125	100	108	100	100	18		
17	517	96	198	99	672	97	581	95	922	96	101	99	173	99	99	17		
16	585	91	675	97	631	91	970	90	631	88	465	98	390	98	98	16		
15	505	86	666	91	680	85	971	81	765	83	406	94	805	94	94	15		
14	636	82	835	86	959	79	861	73	798	76	1,121	91	880	87	87	14		
13	822	76	895	78	778	71	693	66	747	69	1,038	81	1,782	80	80	13		
12	740	69	1,379	71	821	64	1,232	60	982	63	957	72	1,114	64	64	12		
11	850	63	1,063	59	865	57	892	49	858	54	1,515	64	1,360	55	55	11		
10	1,192	55	1,432	50	1,474	50	780	41	1,267	47	2,067	50	1,330	43	43	10		
9	963	45	999	37	1,010	37	721	34	753	36	1,213	33	1,159	31	31	9		
8	775	37	1,167	29	968	28	754	28	1,216	29	1,034	22	972	21	21	8		
7	842	30	806	18	1,207	20	1,014	22	1,283	19	689	13	645	13	13	7		
6	761	23	565	12	518	10	506	13	600	8	87	7	113	7	7	6		
5	873	16	279	7	290	5	429	9	160	2	424	6	383	6	6	5		
4	508	9	312	4	50	3	419	5	85	1	223	3	42	3	3	4		
3	367	4	140	2	152	2	100	1	32	1	25	1	207	3	3	3		
2	109	1	30	1	56	1	30	1	6	1	11	1	78	1	1	2		
1	22	1	4	1	38	1	7	1	1	1	59	1	19	1	1	1		
Avg (SD)	10.2 (4.2)		10.6 (3.4)		11.0 (3.7)		11.3 (4.0)		11.3 (3.7)		10.7 (3.0)		11.0 (3.2)		Avg (SD)			

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	26	27	24	25
Q2 (50th Percentile)	20	21	21	21	21
Q1 (25th Percentile)	15	17	17	18	17

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score Core or More	Average ACT Composite Score Less Than Core
State	All Students	11,560	53	23.1	19.6
	African American/Black	376	39	18.6	15.9
	American Indian/Alaska Native	172	46	19.1	17.1
	Caucasian American/White	7,360	58	23.8	20.5
	Hispanic	934	40	19.1	16.1
	Asian American/Pacific Islander	887	57	22.7	20.1
	Other/No Response	1,831	42	23.1	19.8
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.5	21.5	21.9	21.1	21.4
	African American/Black	15.3	17.4	17.1	17.1	16.8
	American Indian/Alaska Native	16.3	18.4	18.4	18.4	18.0
	Caucasian American/White	21.6	22.1	23.0	21.9	22.3
	Hispanic	15.5	17.8	17.4	17.9	17.3
	Asian American/Pacific Islander	20.2	22.9	21.1	21.6	21.6
	Other/No Response	20.3	21.2	21.7	20.8	21.1
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	538	5	398	3	817	7	246	2
	28 to 32	1,308	11	1,369	12	1,901	16	978	8
	24 to 27	1,912	17	2,454	21	1,748	15	2,402	21
	20 to 23	2,731	24	2,244	19	2,534	22	3,672	32
	16 to 19	2,177	19	3,490	30	2,374	21	2,748	24
	13 to 15	1,429	12	1,523	13	1,545	13	990	9
	01 to 12	1,465	13	82	1	641	6	524	5
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	Average ACT Scores						
		N	Percent	English	Mathematics	Reading	Science	Composite
State	Males	5,313	46	20.1	22.1	21.7	21.6	21.5
	Females	5,934	51	21.0	20.9	22.2	20.8	21.4
	Missing	313	3	19.2	20.9	20.4	20.5	20.4
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

**Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	63	51	54	35	30	
	Females	68	43	59	28	24	
National	Males	65	47	52	33	27	
	Females	69	38	53	24	20	

**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>3</sup>	Avg
State	Core or More <sup>2</sup>	6,106	77	22.4	61	23.2	68	23.7	42	22.6	36	23.1
	Less than Core	4,322	54	18.6	31	19.7	44	20.2	20	19.6	16	19.6
	Missing	1,132	49	17.6	31	19.3	39	19.1	20	19.1	16	18.9
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

<sup>1</sup>"Curriculum Taken" reflects overall high school curriculum in this table.<sup>2</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.<sup>3</sup>Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	9,464	71	21.3	9,515	53	22.2	8,513	62	22.7	7,795	39	22.2
	Less than Core	1,180	38	16.2	1,038	8	16.5	2,058	41	19.9	2,760	14	18.8
	Missing	916	53	18.2	1,007	32	19.4	989	40	19.4	1,005	21	19.4
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

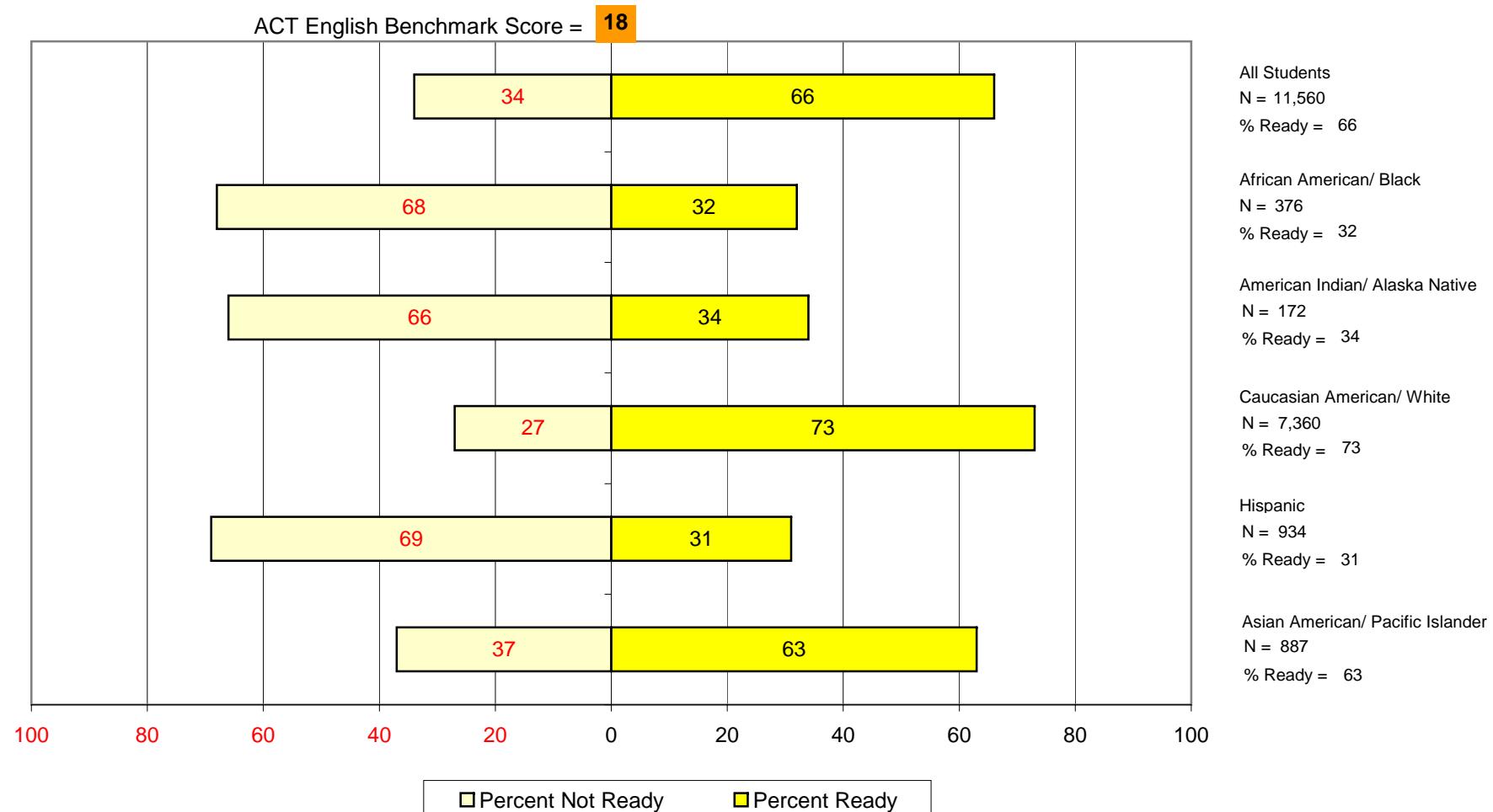
<sup>1</sup>"Curriculum Taken" reflects content-specific curriculum in this table.

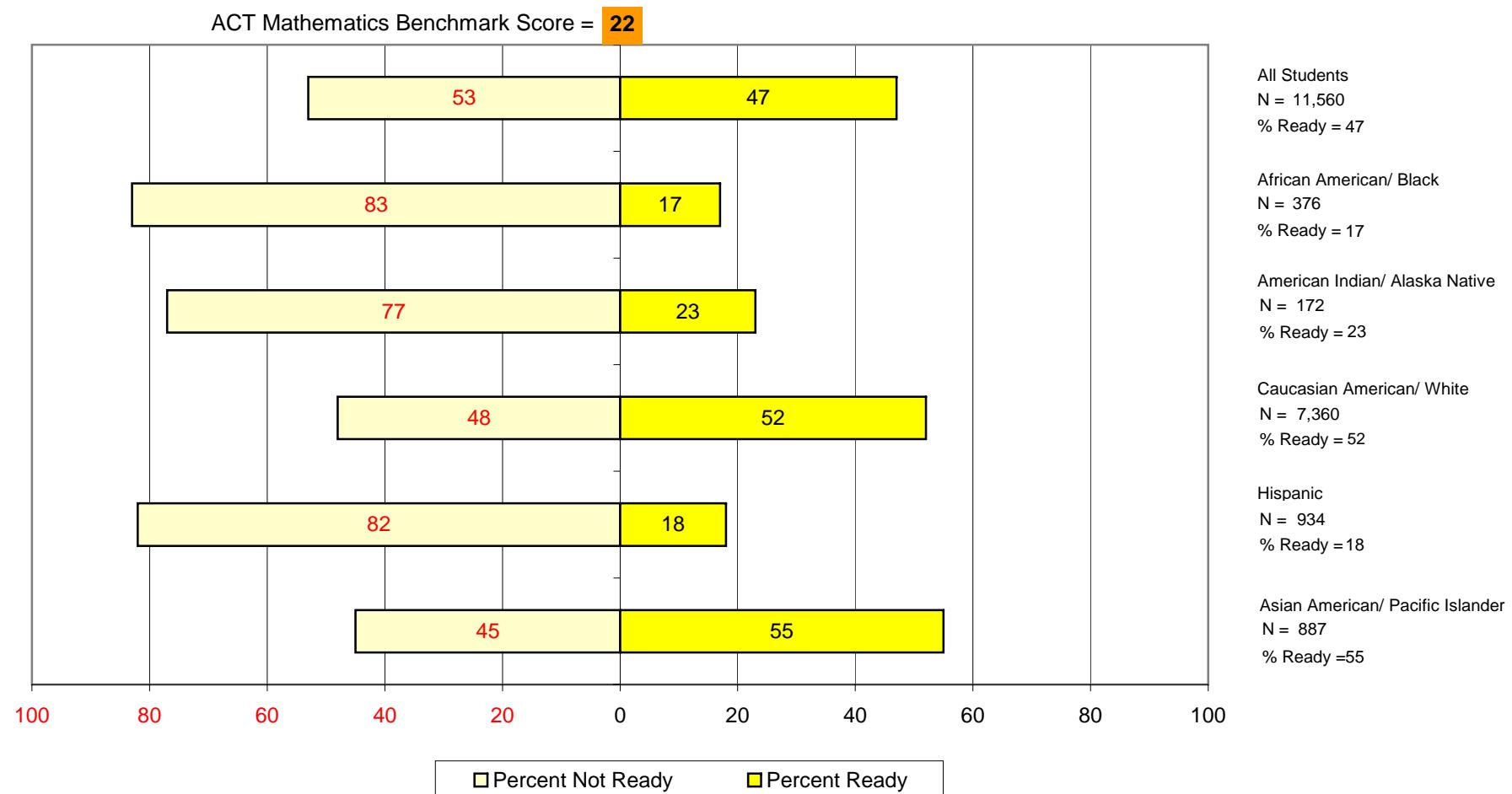
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

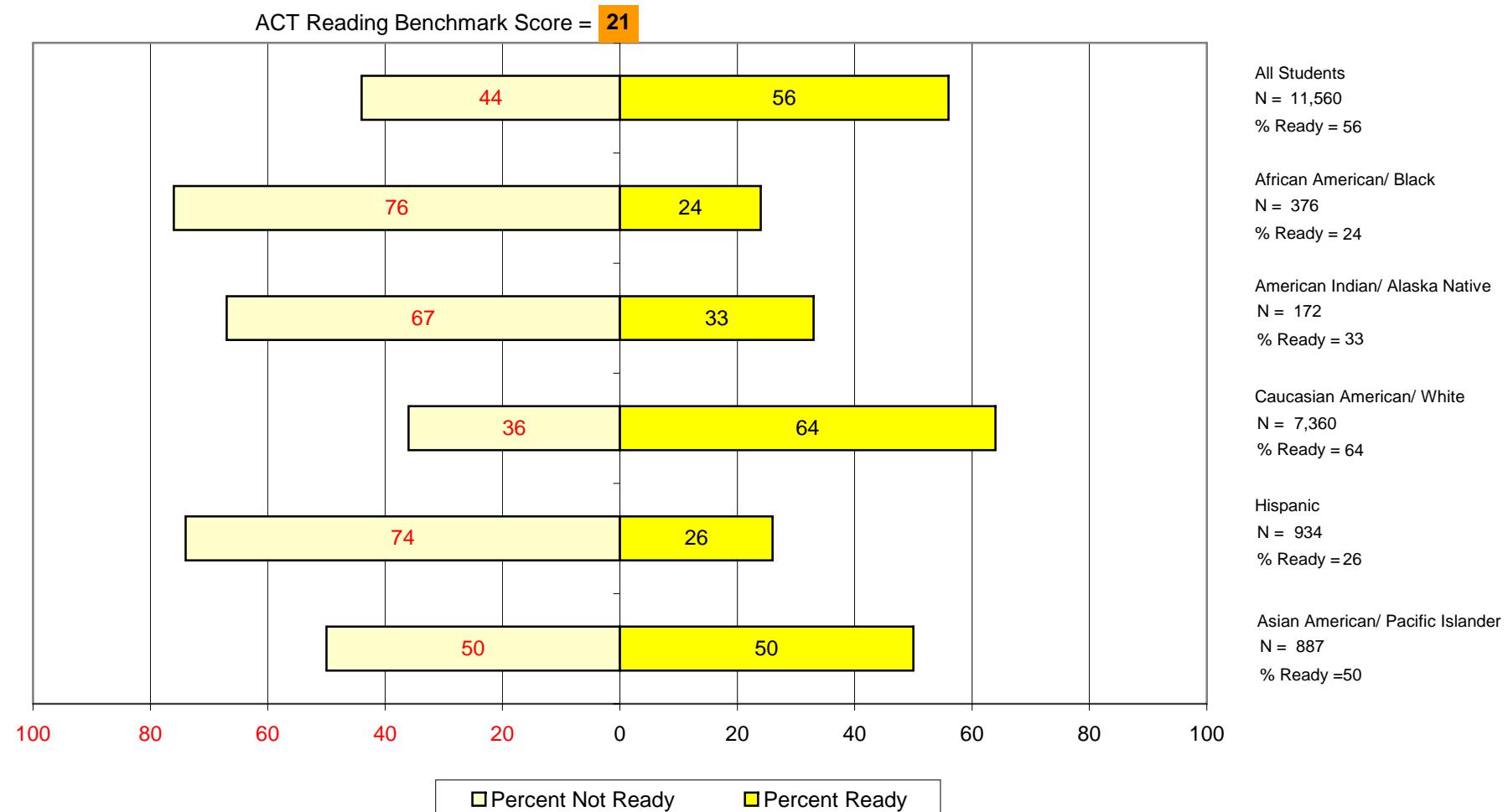
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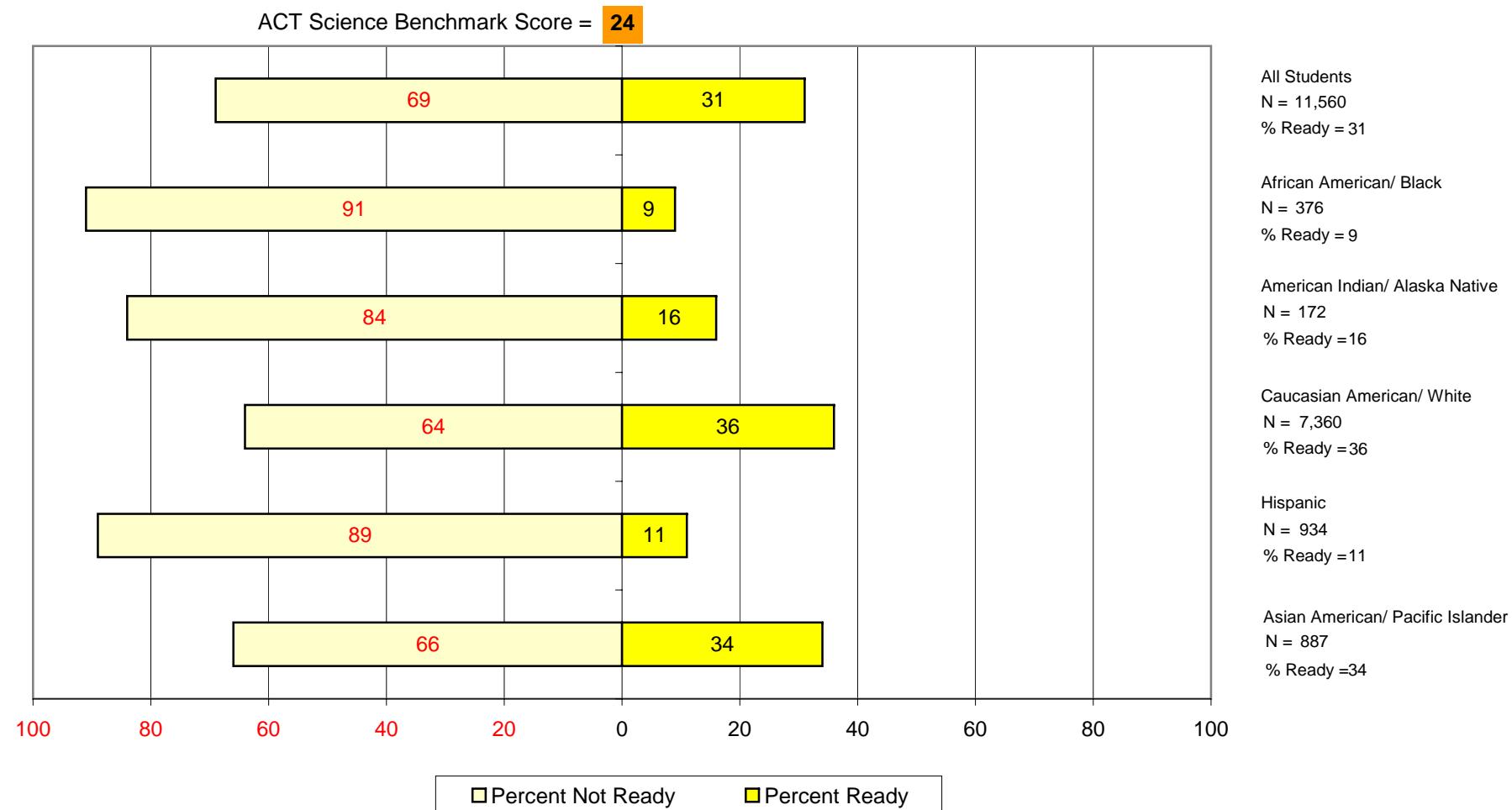
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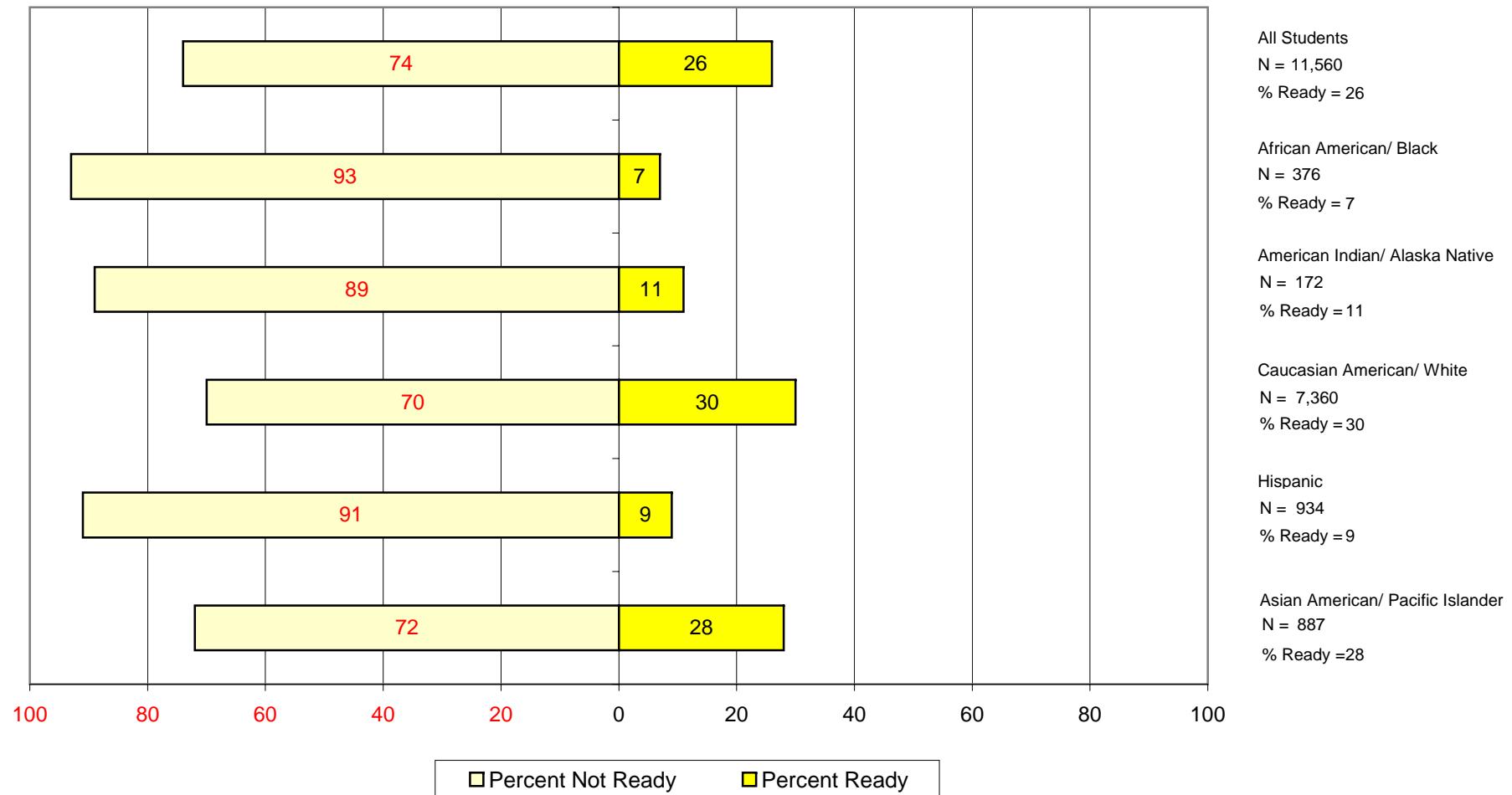
# Impact of Course Rigor

**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH**

**Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS**

**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**

**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

**Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR**

**Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns**

Course Pattern	All Students					Males					Females				
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>			
ENGLISH COURSE PATTERN															
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	2,117	18	21.9	5.7	848	16	21.5	5.7	1,254	21	22.3	5.6			
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	7,347	64	21.1	4.9	3,459	65	20.8	5.0	3,821	64	21.4	4.7			
Less than 4 years of English	1,186	10	16.2	-	635	12	15.8	-	522	9	16.7	-			
No English course/grade information reported	910	8	18.2	-	371	7	17.2	-	337	6	18.3	-			
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added <sup>1</sup>	N	Percent	ACT Math	Course Value Added <sup>1</sup>	N	Percent	ACT Math	Course Value Added <sup>1</sup>			
Alg 1, Alg 2, Geom, Trig, & Calc	791	7	25.5	9.1	362	7	26.0	9.2	421	7	25.1	9.1			
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	988	9	23.2	6.8	384	7	23.5	6.7	598	10	23.0	7.0			
Alg 1, Alg 2, Geom, & Trig	883	8	20.8	4.4	393	7	21.2	4.4	481	8	20.5	4.5			
Alg 1, Alg 2, Geom, & Other Adv Math	1,423	12	20.9	4.5	555	10	21.6	4.8	855	14	20.4	4.4			
Other comb of 4 or more years of Math	3,024	26	25.1	8.7	1,579	30	26.1	9.3	1,431	24	24.1	8.1			
Alg 1, Alg 2, & Geom (Min. Core)	1,965	17	17.9	1.5	886	17	18.4	1.6	1,051	18	17.6	1.6			
Other comb of 3 or 3.5 years of Math	441	4	20.8	4.4	211	4	21.1	4.3	227	4	20.5	4.5			
Less than 3 years of Math	1,083	9	16.4	-	544	10	16.8	-	509	9	16.0	-			
No Math course/grade information reported	962	8	19.6	-	399	8	19.3	-	361	6	18.8	-			
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added <sup>1</sup>	N	Percent	ACT Reading	Course Value Added <sup>1</sup>	N	Percent	ACT Reading	Course Value Added <sup>1</sup>			
US Hist, World Hist, Am Gov, & Other Hist	289	3	23.5	3.7	137	3	22.5	2.8	148	2	24.4	4.3			
Other comb of 4 or more years Social Science	4,299	37	23.1	3.3	1,824	34	22.9	3.2	2,453	41	23.2	3.1			
US Hist, World Hist, & Am Gov (Min. Core)	426	4	21.7	1.9	221	4	21.5	1.8	201	3	22.0	1.9			
Other comb of 3 or 3.5 years of Social Science	3,499	30	22.4	2.6	1,633	31	22.4	2.7	1,834	31	22.5	2.4			
Less than 3 years of Social Science	2,072	18	19.8	-	1,088	20	19.7	-	933	16	20.1	-			
No Soc Sci course/grade information reported	975	8	19.4	-	410	8	18.7	-	365	6	19.4	-			
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added <sup>1</sup>	N	Percent	ACT Science	Course Value Added <sup>1</sup>	N	Percent	ACT Science	Course Value Added <sup>1</sup>			
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	3,292	28	22.8	4.0	1,686	32	23.5	4.6	1,591	27	22.0	3.3			
Bio, Chem, Phys	1,083	9	24.6	5.8	564	11	25.1	6.2	512	9	24.1	5.4			
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	2,825	24	20.9	2.1	1,067	20	20.8	1.9	1,736	29	20.9	2.2			
Other comb of 3 years of Natural Science	595	5	21.0	2.2	324	6	21.9	3.0	257	4	20.1	1.4			
Less than 3 years of Natural Science	2,792	24	18.8	-	1,265	24	18.9	-	1,472	25	18.7	-			
No Nat Sci course/grade information reported	973	8	19.5	-	407	8	19.1	-	366	6	19.0	-			

<sup>1</sup>Course value added is defined as the average ACT score change compared to a less than core course sequence.<sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	2,117	18	21.9	74	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	7,347	64	21.1	69	1,029,431	70	20.6	68
Less than 4 years of English	1,186	10	16.2	38	74,090	5	16.7	42
No English course/grade information reported	910	8	18.2	53	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	791	7	25.5	80	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	988	9	23.2	66	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	883	8	20.8	44	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,423	12	20.9	42	220,868	15	20.1	36
Other comb of 4 or more years of Math	3,024	26	25.1	75	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	1,965	17	17.9	15	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	441	4	20.8	40	70,732	5	20.1	35
Less than 3 years of Math	1,083	9	16.4	8	105,591	7	16.5	7
No Math course/grade information reported	962	8	19.6	33	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	289	3	23.5	65	46,754	3	22.8	61
Other comb of 4 or more years Social Science	4,299	37	23.1	64	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	426	4	21.7	54	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	3,499	30	22.4	60	420,236	28	21.3	52
Less than 3 years of Social Science	2,072	18	19.8	41	152,775	10	19.7	40
No Soc Sci course/grade information reported	975	8	19.4	41	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	3,292	28	22.8	44	563,824	38	22.2	39
Bio, Chem, Phys	1,083	9	24.6	57	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	2,825	24	20.9	28	459,833	31	20.1	21
Other comb of 3 years of Natural Science	595	5	21.0	31	41,353	3	19.8	21
Less than 3 years of Natural Science	2,792	24	18.8	14	233,215	16	18.4	11
No Nat Sci course/grade information reported	973	8	19.5	22	40,713	3	17.7	11

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

# Career and Educational Aspirations

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	148	1	18.5	27	4	15.3	111	1	19.5
Architecture & Environmental Design	222	2	21.1	10	1	15.6	200	2	21.4
Business & Management	1,112	10	20.9	66	9	16.1	980	11	21.4
Business & Office	47	0	19.3	3	0	14.7	38	0	19.7
Marketing & Distribution	130	1	20.0	8	1	18.5	113	1	20.1
Communications & Comm. Technologies	313	3	22.5	16	2	15.7	279	3	22.9
Community & Personal Services	259	2	18.4	51	7	15.9	180	2	19.4
Computer & Information Sciences	196	2	23.6	14	2	18.0	167	2	24.2
Cross-Disciplinary Studies	31	0	26.1	0	0	.	29	0	26.0
Education	359	3	21.0	19	3	16.3	321	4	21.3
Teacher Education	300	3	20.4	11	2	16.5	275	3	20.6
Engineering	605	5	23.8	39	5	15.0	535	6	24.5
Engineering-Related Technologies	292	3	22.6	23	3	17.2	257	3	23.2
Foreign Languages	133	1	24.0	8	1	17.5	115	1	24.4
Health Sciences & Allied Health Fields	1,758	15	21.4	77	11	16.3	1,592	18	21.8
Human, Family & Consumer Science	133	1	18.7	27	4	17.1	90	1	19.4
Letters	133	1	24.2	2	0	20.0	122	1	24.5
Mathematics	64	1	25.7	0	0	.	59	1	25.8
Philosophy, Religion & Theology	88	1	22.0	5	1	17.4	72	1	22.4
Sciences (Biological & Physical)	643	6	24.4	9	1	16.9	599	7	24.5
Social Sciences	768	7	22.7	15	2	15.7	718	8	22.9
Trade & Industrial	117	1	18.0	50	7	16.1	59	1	19.4
Visual & Performing Arts	916	8	21.3	82	11	17.1	745	9	22.0
Undecided	1,138	10	22.1	89	12	16.4	862	10	23.0
No Response	1,655	14	18.9	71	10	14.5	146	2	18.8

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.<sup>2</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	153	15.6	4	13.3	3	14.0	88	15.9	23	13.7	6	16.0	29	16.6
2-yr College Degree	569	16.3	20	14.2	15	15.4	314	17.4	101	14.4	19	15.7	100	15.8
Bachelors Degree	3,673	20.5	95	16.2	45	18.9	2,645	21.2	296	17.4	199	19.5	393	20.1
Graduate Study	2,286	23.7	57	19.5	14	23.6	1,637	24.3	112	20.1	166	22.8	300	23.2
Prof. Level Degree	2,705	23.5	105	18.3	28	21.2	1,654	24.3	190	18.8	317	23.4	411	23.7
Other	349	18.1	12	14.9	12	17.6	185	18.8	43	14.8	21	18.0	76	18.9
No Response	1,825	19.8	83	15.0	55	15.2	837	20.9	169	16.2	159	20.6	522	20.3

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Total	Number of Students		Percent of Students in College Readiness Standards Ranges						
			1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
OREGON STATE UNIVERSITY	Oregon	2,694	1,080	1,614	2	10	27	29	20	11	1
UNIVERSITY OF OREGON	Oregon	2,650	982	1,668	2	10	26	29	22	11	1
PORTRLAND STATE UNIVERSITY	Oregon	1,681	483	1,198	4	17	33	27	14	6	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	1,612	1,612	0	4	17	25	22	19	11	2
UNIVERSITY OF PORTLAND	Oregon	852	179	673	3	15	28	28	17	8	1
PORTRLAND COMMUNITY COLLEGE	Oregon	822	321	501	9	28	33	23	6	1	0
WESTERN OREGON UNIVERSITY	Oregon	704	223	481	3	15	35	28	14	5	0
UNIVERSITY OF WASHINGTON	Washington	458	98	360	1	3	14	23	28	28	4
SOUTHERN OREGON UNIVERSITY	Oregon	389	109	280	2	10	33	33	17	6	0
BRIGHAM YOUNG UNIVERSITY	Utah	329	227	102	0	2	11	30	31	22	4
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	293	99	194	0	4	19	31	28	14	3
ART INSTITUTE OF PORTLAND THE	Oregon	279	90	189	6	17	35	25	14	2	0
LINFIELD COLLEGE	Oregon	274	79	195	1	7	25	32	22	12	1
PACIFIC UNIVERSITY	Oregon	265	61	204	5	12	25	32	17	8	1
OREGON INSTITUTE OF TECHNOLOGY	Oregon	250	82	168	2	14	26	32	16	9	1
GEORGE FOX UNIVERSITY	Oregon	243	67	176	1	6	23	32	25	13	1
LEWIS AND CLARK COLLEGE	Oregon	234	50	184	3	15	21	23	23	14	1
WILLAMETTE UNIVERSITY	Oregon	234	45	189	2	9	18	21	31	19	1
STANFORD UNIVERSITY	California	227	78	149	0	2	6	11	23	43	15
UNIVERSITY OF SOUTHERN CALIFORNIA	California	221	36	185	1	14	19	21	21	22	2
WASHINGTON STATE UNIVERSITY	Washington	207	38	169	0	6	24	30	25	13	1
MOUNT HOOD COMMUNITY COLLEGE	Oregon	182	54	128	8	26	36	23	7	1	0
GONZAGA UNIVERSITY	Washington	177	32	145	1	5	12	23	29	28	2
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	172	43	129	1	11	31	34	15	6	1
EASTERN OREGON UNIVERSITY	Oregon	161	46	115	1	22	31	29	14	2	0
REED COLLEGE	Oregon	155	52	103	5	6	15	20	17	30	7
UNIVERSITY OF ARIZONA	Arizona	152	34	118	1	11	23	29	26	11	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	151	41	110	3	13	23	26	15	17	3
NCAA ELIGIBILITY CENTER	Indiana	139	70	69	2	9	22	35	17	14	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	139	34	105	0	5	14	19	26	31	6
All Other Institutions		9,259	2,358	6,901	3	11	21	23	22	17	3
Total		25,605	8,803	16,802	3	12	24	26	20	13	2

# Section V

# Optional Writing Test Results

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing**

	N		English		Average ACT Scores		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>10,324</b>	<b>814,713</b>	<b>20.5</b>	<b>21.5</b>	<b>7.0</b>	<b>7.2</b>	<b>19.9</b>	<b>20.8</b>
African American/Black	349	96,225	15.2	16.5	6.3	6.4	15.5	16.5
American Indian/Alaska Native	163	5,489	16.2	18.9	6.0	6.7	15.9	18.5
Caucasian American/White	6,410	497,164	21.6	22.8	7.2	7.3	20.9	21.9
Hispanic	831	85,681	15.3	18.4	6.4	7.0	15.6	18.4
Asian American/Pacific Islander	837	44,716	20.2	23.5	7.1	7.6	19.9	22.8
Other/No Response	1,734	85,438	20.4	21.4	6.9	7.2	19.8	20.8
Males	4,719	357,025	20.0	21.1	6.7	6.9	19.3	20.3
Females	5,293	455,190	21.0	21.7	7.3	7.4	20.6	21.2
Missing	312	2,498	19.2	22.1	6.7	7.2	18.8	21.3



